15th DACH+ Energy Informatics Conference

Hosted by the Energieinstitut an der Johannes Kepler Universität Linz

Date: September 21–23, 2026

Venue: Science Park 1, Johannes Kepler University Linz Campus, Austria

Programme & Practical Information

DACH+Energy Informatics2026

ENERGIE INSTITUT an der Johannes Kepler Universität Linz

JKU JOHANNES KEPLER UNIVERSITÄT LINZ

Programme

21 September 2026

08:30–16:45: Technical Workshops (Science Park 1, JKU Campus)

- Registration & Networking Coffee (Foyer)
- 5 Technical Workshops (Room MT 127 and MT 128)
- *By invitation: Doctoral Workshop (Room MT 226/1)*

18:30-21:30: Welcome Reception at Ars Electronica Center including a guided tour of Deep Space (Ars-Electronica-Straße 1, Linz)

22 September 2026

08:30-17:30: Science Park 1 (MT 127), Johannes Kepler University Linz Campus (Altenberger Straße 66, Linz)

- Registration & Networking Coffee (Foyer)
- Welcome & Opening Day 1
- Keynote Speech
- Presentation of long papers
- Poster Presentation

19:00-22:00: Conference Dinner at „Stadtliebe“ (Landstraße 31, Linz)

23 September 2026

08:45-15:00: Science Park 1 (MT 127), Johannes Kepler University Linz Campus (Altenberger Straße 66, Linz)

- Registration & Networking Coffee (Foyer)
- Keynote Speech
- Presentation of long and short papers

Programme: Overview

Monday, 21 September 2026				Tuesday, 22 September 2026		Wednesday, 23 September 2026	
08:30	Registration – Networking Coffee			08:30	Registration – Networking Coffee	08:45	Registration – Networking Coffee
	Room MT 226/1	*Room MT 128*	*Room MT 127*		*Room MT 127*		*Room MT 127*
09:00	*Doctoral Workshop*	Technical Workshop 1	Technical Workshop 2	09:00	Welcome & Opening Day 1 Key Note	09:00	Opening Day 2 Key Note
				10:00	Session 1	10:00	Session 5
				11:00	Coffee Break	11:00	Coffee Break
				11:30	Session 2	11:30	Session 6
12:00	Lunch Break			12:30	Lunch Break	12:30	Lunch Break
13:30	*Doctoral Workshop*	Technical Workshop 3	Technical Workshop 4	13:30	Session 3	13:30	Session 7
				14:30	Poster Presentation & Coffee break	14:15	
15:15		Technical Workshop 5	End	15:30	Session 4	14:45	Closing
16:30	End					15:00	End
16:45		End					
				17:30	End		
18:30	Welcome Reception: Ars Electronica Center incl. guided tour "Deep Space"			19:00	Conference Dinner: Restaurant Stadtliebe		

DACH+ Energy Informatics Conference 2026

Industry and research are facing a fundamental challenge: the decarbonisation and decentralisation of our energy systems. While technological advances in hardware are essential, the future of the energy transition increasingly depends on software, data processing, and system architectures. Energy systems are becoming more and more a field of computer science.

The 15th DACH+ Conference on Energy Informatics brings together researchers and practitioners to discuss innovative IT-based solutions, methods, and algorithms for the energy systems of tomorrow.

The conference provides the ideal platform for linking in-depth IT topics with the energy sector.

- **Technological highlights:** Discuss the use of artificial intelligence, machine learning, big data analytics, cybersecurity in the smart grid and decentralised control architectures.
- **The transition from research to practice:** A conference such as Energy Informatics offers insights into new digitalisation technologies and highlights which AI applications are already in productive use today, which are proving economically viable, and which skills companies need to develop now.
- **The chance to discover talent and help shape the future:** Take the opportunity to meet the industry's most promising talent and discover new potential for your company.
- **Academic depth and networking:** Exchange ideas across disciplines between academia, industry and service providers in the DACH region and beyond.
- **Practical technical workshops (21 September):** Gain direct insight into new tools, methods and programming approaches.

The objective of the DACH+ conference series on Energy Informatics is to promote the research, development, and implementation of information and communication technologies in the energy domain and to foster the exchange between academia, industry, and service providers in the German-Austrian-Swiss region and its neighbouring countries (DACH+).

The Energy Informatics conference series is a joint initiative of the three DACH regions.

The 15th DACH+ Conference on Energy Informatics 2026 is hosted and organised by the **Energieinstitut an der Johannes Kepler Universität Linz** in collaboration with the Johannes Kepler University Linz, the University of Applied Sciences Upper Austria, and the AIT Austrian Institute of Technology.

ENERGIE INSTITUT an der Johannes Kepler Universität Linz	The Energieinstitut an der JKU Linz is a non-university research institution with a multidisciplinary structure. Every year, in about 100 R&D projects, we deal with the further development of an energy system that positively influences living, economic and environmental spaces, strengthens European economies, and reduces fossil energy sources as far as possible. The inter- and transdisciplinary cooperation of our three departments – energy economics, energy law, and energy technology – enables a comprehensive and interdisciplinary holistic analysis of the (future) topic of energy. **General Chair:** Johannes Reichl & Robert Tichler **Technical Workshop Chair:** Andrea Kollmann **Technical Programme Chair/Organisation:** Anja Gahleitner
JKU JOHANNES KEPLER UNIVERSITÄT LINZ	For almost 60 years, Johannes Kepler University Linz (JKU) has been a university with strong regional roots and an international outlook. It is the largest educational and research institution in Upper Austria, teaching and conducting research in the fields of law, technology, natural sciences, medicine, education, and social and economic sciences. Around 25,000 students and nearly 4,000 employees enjoy a modern infrastructure with plenty of space for learning, research, and living at the JKU campus. **General Chair:** Johannes Reichl
fh OBERÖSTERREICH UNIVERSITY OF APPLIED SCIENCES UPPER AUSTRIA	The University of Applied Sciences Upper Austria is one of the leading universities of applied sciences in the country and offers a wide range of practice-oriented degree programs at four locations. Our key figures provide an overview of the size, diversity, and innovative strength of the University of Applied Sciences Upper Austria. **Technical Programme Chair:** Christoph Schaffer & Stefan Grünberger
AIT AUSTRIAN INSTITUTE OF TECHNOLOGY	The AIT Austrian Institute of Technology is Austria's largest research and technology organisation with more than 1,600 employees working on the key infrastructure issues of the future. The AIT focuses on the two interlinked research priorities of „sustainable and resilient infrastructures", particularly in the areas of energy, transport and health, and the „digital transformation of industry and society", working closely with industry and clients from public institutions. **Technical Program Chair:** Friederich Kupzog
OESTERREICHISCHE COMPUTER GESELLSCHAFT AUSTRIAN COMPUTER SOCIETY	The Austrian Computer Society (OCG) is a non-profit association for the promotion of information technology, taking into account its interactions with people and society. The association offers an interdisciplinary forum and is a dialogue partner for current and socio-politically relevant IT topics. **Industry Liaison Chair:** Ronald Bieber

General Chair

Johannes Reichl (Energieinstitut an der JKU Linz)

Johannes Reichl is the scientific director of the Department of Energy Economics. He earned his PhD in Statistics from Johannes Kepler University Linz in 2009, and obtained his habilitation in Econometrics in 2022. His research focuses on developing methods and tools for a better understanding of the role of households in the energy and climate sector, as well as methods and tools for analysing the economic impacts of new technologies on our daily lives and on the economy. He has led numerous research projects on energy and climate topics.

Robert Tichler (Energieinstitut an der JKU Linz)

Robert Tichler is managing director of the Energieinstitut an der JKU Linz and thus responsible for the day-to-day business of the research institution (finance, human resources, R&D planning, etc.). His own methodological research focuses on systemic and macroeconomic analyses of energy policy issues as well as on new technologies, services and measures in the energy dimension. After completing his studies in economics, Robert Tichler received his doctorate in macroeconomics from the JKU Linz in 2008. Since 2004, he has held various positions at the Energieinstitut. Among other things, he is a member of the Upper Austrian Climate Council and of the advisory board of the Clean-Tech Cluster.

Keynote Speakers

We are pleased to present a distinguished line-up of keynote speakers at the 15th DACH+ Conference on Energy Informatics. The keynote talks will provide inspiring perspectives on the future of energy systems, exploring the role of artificial intelligence in advancing fusion energy and the importance of digitalisation and software solutions in shaping the energy transition.

Fabian Paischer (Emmi AI & Johannes Kepler University Linz)

Keynote Title: Toward Limitless Energy: How AI Can Accelerate Fusion

Fabian Paischer is a PhD in Artificial Intelligence with a focus on deep learning, reinforcement learning, language-based abstraction across modalities, AI for Science and Engineering, and agentic systems. He completed his ELLIS PhD in Artificial Intelligence at the University of Linz under the supervision of Sepp Hochreiter and Marc Deisenroth, including a visiting research period at University College London. During his PhD, he worked on topics including human-readable memory for reinforcement learning, language-model-based history compression, and parameter-efficient fine-tuning. He gained industry experience at Meta, conducting research on user-preference-driven sequential recommendation. Following his PhD, he led a collaboration with the UK Atomic Energy Authority on AI surrogate models for nuclear

fusion. Since July 2025, he has been a Senior Research Engineer at Emmi AI and, following its acquisition by Mistral AI in June 2026, leads efforts on developing agentic systems for engineering and manufacturing. His research interests focus on building AI systems that connect fundamental research with scientific and industrial applications.

Hermann Sikora (Consulting company Strategie und IT, Johannes Kepler University Linz)

Keynote Title: An IT-Management Perspective on Energy (Informatics)

Hon.-Prof. Dipl.-Ing. Mag. Dr. Hermann Sikora holds degrees in computer science and business informatics. He has been working in the IT sector since 1984 and is considered one of Austria's most renowned IT managers. He served as managing director of RAITEC GmbH (formerly GRZ IT Center GmbH) for 30 years, as managing director of Raiffeisen Software GmbH for 31 years—including ten years (through the end of 2025) as CEO—and as chairman of the advisory board of Programmierfabrik GmbH for 20 years. In 2026, he was awarded the first "Confare Lifetime Achievement Award." Since 2006, he has held an honorary professorship in business informatics at Johannes Kepler University Linz. His work focuses primarily on issues related to IT management and industry-scale software engineering. In addition, he serves on supervisory boards, is a keynote speaker, moderator, and author. In 2026, he founded the management consulting firm "Strategie und IT."

Programme

Monday, 21 September 2026 Science Park 1, Johannes Kepler University Linz Campus (Altenberger Straße 66, Linz)		
08:30	Registration – Networking Coffee	
	Technical Workshops **Parallel Sessions**	
09:00	**Technical Workshop 1** **Room: MT 128**	**Technical Workshop 2** **Room: MT 127**
	"HANDS-ON ENERGY MANAGEMENT" **Build and experiment with sector-coupled energy management on a real system** A hands-on workshop where participants build and test sector-coupled energy management strategies in their own sandbox environments, connected to a real physical energy system and extended with simulated assets. **AGENDA** • Welcome and live walkthrough • Task 1: Integration - Set up and start the local EMS sandbox environment - Integrate heat pump (connected to thermal building model) via Modbus TCP - Verify data flow (read measurements, write control signals) • Task 2: Control experiments - Implement simple control logic (surplus PV used for heating) - Test controller behaviour under real and simulated conditions - Evaluate and compare results **IMPORTANT** Participants are requested to bring their own laptop.	**"A SIMPLE WAY TO SIMULATE ENERGY SYSTEMS"** This hands-on workshop introduces a Simulation-as-a-Service platform that provides unified, web-based access to co-simulation frameworks such as mosaik, VILLAS, and DaceDSX, lowering technical barriers to energy system simulation. Participants will explore two different frameworks through guided, practical use cases and contribute feedback on the platform's usability, applicability, and future development. **AGENDA** • Introduction: Co-Simulation Challenges and the SimaaS Concept • Live Demonstration I: Getting Started with SimaaS and Co-Simulation Frameworks • Hands-on Session I: Exploring the First Framework • Live Demonstration II: Working with an Alternative Co-Simulation Framework • Hands-on Session II: Exploring a Second Framework • Interactive Feedback and Discussion **IMPORTANT** Participants are requested to bring their own laptop or computer for the hands-on sessions.
12:00	**Lunch Break**	

<table>
<tr><th colspan="3">Parallel Sessions</th></tr>
<tr><td>13:30</td><td>Technical Workshop 3
Room: MT 128</td><td>Technical Workshop 4
Room: MT 127</td></tr>
<tr><td></td><td>"Time Series Foundation Models for Short-Term Energy Forecasting"

A hands-on introduction to short-term energy forecasting, showing how load and PV forecasting tasks are formulated using Chronos-2. Participants generate forecasts in a guided notebook and apply them in a scenario.

AGENDA
• Introduction to short-term forecasting in modern energy systems
• Formulating forecasting tasks
• Introduction to time series foundation models and Chronos-2
• Hands-On: PV forecasting with Chronos-2
• Hands-On: When should I charge my electric vehicle?
• A quick look into fine-tuning foundation models for energy forecasting
• Wrap-up and Q&A

IMPORTANT
Participants are required to:
• Bring their own laptop with a modern web browser.
• Have basic familiarity with Python, including pandas DataFrames, and be comfortable running code in a notebook environment.
• Have a Google account with access to Google Colab.</td><td>"Interpretive Research and Energy Informatics"

This workshop explores how interpretive research can advance Energy Informatics by providing deeper insights into the social, organizational, and cultural dimensions of energy systems. Through conceptual discussions, an empirical case example, and interactive dialogue, participants will learn how interpretive approaches can be applied to contemporary Energy Informatics research.

AGENDA
• Introduction
• Defining Energy Informatics: discussion of the conceptualization by Richard T. Watson et al. (2010)
• Example of an interpretive study: Contradictions of the Electrical Energy Chain (cases from the USA and Finland) (Quang et al., unpublished manuscript)
• Interpretive research methods and their applications in energy informatics research
• General discussion, including participants' own research interests and interpretive studies</td></tr>
<tr><td>15:00</td><td colspan="2">Coffee Break/End</td></tr>
<tr><td>15:15</td><td colspan="2">Technical Workshop 5
Room: MT 128</td></tr>
<tr><td>15:15</td><td colspan="2">"Python Testing Basics for Research Code"

Automated software testing is essential for developing reliable and maintainable research software, yet it is still under used in many scientific codebases. This workshop introduces the fundamentals of software testing in Python as well as some good practices for testing scientific applications. After a short introduction to the core concepts, participants will apply what they have learned by writing tests themselves in guided hands-on exercises based on a simple energy market model. The workshop follows a "bring your own laptop" format, combining presentation and live coding to</td></tr>
</table>

	provide practical experience that participants can directly transfer to their own projects. This workshop is aimed at researchers working with scientific Python code. It targets a basic to intermediate level. **AGENDA** • Testing Basics: What, Why, Taxonomy, Examples • Lets try it out (interactive & hands on testing with examples and small exercises) • Writing tests in practice • Tools and Processes • Tests in Research • Assertions in Code **IMPORTANT** Participants are requested to bring their own laptop and complete the example environment setup in advance to save time during the workshop. The setup instructions are available here: https://github.com/tobirohrer/python-testing-for-research
16:45	**End**
Doctoral Workshop Energy Informatics Room: MT 226/1	
09:00	**Doctoral Workshop Energy Informatics (Part 1)** *PhD students discuss their research work (by invitation only)*
12:00	**Lunch Break**
13:30	**Doctoral Workshop Energy Informatics (Part 2)** *PhD students discuss their research work (by invitation only)*
16:30	**End**

18:30	**Welcome reception & registration** Venue: Ars Electronica Center (Ars-Electronica-Straße 1, 4040 Linz) 18:30: Registration, get-together & drinks 19:00: Optional Deep Space 8K tour 19:45: Finger food & drinks

Tuesday, 22 September 2026 Science Park 1, Johannes Kepler University Linz Campus (Altenberger Straße 66, Linz)	
08:30	Registration – Networking Coffee
Welcome & Keynote	
09:00	**Welcome & Opening** **Johannes Reichl,** *General Chair DACH+ Energy Informatics Conference 2026, Scientific Head, Energieinstitut an der Johannes Kepler Universität Linz, Austria* ***Robert Tichler,*** *General Chair DACH+ Energy Informatics Conference 2026, Managing Director, Energieinstitut an der Johannes Kepler Universität Linz, Austria* **Keynote Speech** **"Toward Limitless Energy: How AI Can Accelerate Fusion"** **Florian Paischer,** *Johannes Kepler University Linz*
Energy Informatics Conference Session 1	
10:00	**A Benchmark for Electrical Load Forecasting Across Grid Levels: Time-Series Transformers Outperform Established Methods** *Matthias Hertel, Karlsruhe Institute of Technology* **Behavioural Fingerprints in Smart Meter Data: Interpretable Deep Learning for Socio-Demographic Inference** *Dejan Radovanovic, Salzburg University of Applied Sciences* **A Stochastic Model for Generating Synthetic Daily Household Electricity Demand Profiles from Smart-Meter Data - Validation on the Optimal Sizing of Batteries** *Plouton Grammatikos, HES-SO Valais-Wallis*
11:00	Coffee Break
Energy Informatics Conference Session 2	
11:30	**Two-Stage Control of Grid-Friendly Energy Resources** *Armin Stocker, University of Passau* **Learning to Run Power Networks: Effective AlphaZero-inspired Topological Control** *Lukas Zetto, Karlsruhe Institute of Technology* **Transmission Topology Optimization using accelerated MapElites** *Nico Westerbeck, Elia Group*
12:30	Lunch Break
Energy Informatics Conference Session 3	
13:30	**Towards Generic Smart Grid Automation and Control Application Descriptions: A Requirements-Driven Evaluation** *Felix Knorr, Institute for Computer Engineering, Research Unit of Automation Systems, TU Wien*

	Towards a Framework for Preserving Accountability in AI-Based Smart Grid Services *Stepan Gagin, University of Passau* **Towards Fault-Tolerant Control of Energy Cells** *Armin Stocker, University of Passau*
Poster Presentation	
14:30	Poster Presentation & Coffee break Poster • Differences Between Agent-Based and Optimization Models of Wholesale Electricity Markets -- the Role of Market Clearing, Elastic Demand and Storage *Gunter Grimm, INATECH University of Freiburg* • A Cross-Layer Review of European Building Blocks for Community-Scale Energy Digital Ecosystems *Jawad Kazmi, AIT Austrian Institute of Technology GmbH* • Evaluating Large Language Models for Schema Matching on Real-World Power Plant Registries *Jonas Kunze, Leipzig University of Applied Sciences* • Probabilistic Low-Voltage Peak Load Forecasting with Time Series Foundation Models Evaluated on Application-Oriented Metrics *Benedikt Kaas & Manuel Treutlein (Netze BW GmbH, Karlsruhe Institute of Technology - KIT)* • Data Acquisition Framework and Orchestration for District Management Systems in Northern Germany *Ajay Upadhaya (DLR Institute of Networked Energy Systems)* • Agent Based Optimization of a Low Temperature District Heating Network: The Effect of Market Structure *Hussein Khalil & Haoyu Huang (Institute of Climate and Energy Systems, Energy System Engineering (ICE-1), Forschungszentrum Jülich)* • A Modular Proxy Architecture for Hybrid Validation of Distributed Energy Systems *Sarah Riedmann & Dominik Vereno (Salzburg University of Applied Sciences)* • Forget Me Not: Catastrophic Forgetting of Deep Reinforcement Learning Agents for Power Grids *Torben Logemann (OFFIS)* • Grid-Aware EV Charging Control: Balancing Network Constraints and Mobility Demand in a Coupled Simulation Corinna Seiwerth & Mohamed Ibrahim (Friedrich-Alexander-Universität Erlangen-Nürnberg) • From Data Sources to Data Access: Core Components of an Energy Data Platform Ecosystem *Mahsa Faraji Shoyari (fortiss GmbH)* • Robustness Analysis of Grid-Oriented EV Charging Control Under Communication Delays and Failures *Malte Stromberg, OFFIS e.V.* *Poster (Doctoral Workshop)* • The role of demand flexibility in price formation of fully renewable energy systems *Finn Niklas Peters, Uni Freiburg* • From Trust Propagation to Self-Explainability: Addressee-Oriented Explanations in Hierarchical Cyber-Physical Energy Systems *Kerstin Blümel, Uni Oldenburg* • Trustworthy Coordination of Distributed Energy Resources: A Unified Framework from Data Exchange to Mechanism Design *Eslam Mofreh, Eindhoven University of Technology* • Grid Signal Design for Effective Utilization of Electric Networks: A Methodological Framework Integrating Topology, Signal Design, and System-Level Modelling *Rebecca Hofmann, Uni Freiburg - Institut für Nachhaltige Technische Systeme (INATECH)* • Exploring the Profitability of Energy Storage Systems under Real World Conditions *Tobias Rohrer, Fraunhofer-Institut für Solare Energiesysteme ISE*

	• Integrated Multi-Stage Planning of Smart Grids and ICT Infrastructure under Limited Observability *Alexander Peters, RWTH Aachen University* • Holistic smart charging integration system for Bidirectional Electric Vehicles *Francesco Maldonato, Technical University Berlin* • Linking Short-Term Market Dynamics and Long-Term Capacity Expansion: A Coupled Optimization and Agent-Based Modeling Approach *Gunter Grimm, Uni Freiburg - Institut für Nachhaltige Technische Systeme (INATECH)* • Knowledge Graph-based Data Management for Energy Grid Control *Alexander Geiger, Fraunhofer-Institut für Angewandte Informationstechnik FIT*
Energy Informatics Conference Session 4	
15:30	**Real-World Model Predictive Control for Home Battery Systems: Towards Closing the Simulation-to-Reality Gap** *Lukas Moosbrugger, FH Vorarlberg* **Knowledge Distillation for Efficient Transformer-Based Reinforcement Learning in Hardware-Constrained Energy Management Systems** *Pascal Henrich, Karlsruhe Institute of Technology* **Light-Weight Rule-Based Modeling of Price-Sensitive EV Charging Decisions** *Paul Benz, Universität Würzburg* **Regulatory and technical frameworks for smart home integration in smart energy systems: Cross-Cutting challenges in Data Governance, Privacy and Grid Interoperability** *Manuela Halbartschlager & Giulia Garzon, Energieinstitut an der JKU Linz* **Knowledge-Enhanced Configuration of Energy Scheduling Models in Multi-Building Energy Communities** *Stepan Gagin, University of Passau* **Distributed Economic Dispatch with Adaptive Quadratic Penalties for Operational Constraints** *Hermann de Meer, University of Passau*
End: 17:30	

19:00	**Conference Dinner** Venue: Restaurant Stadtliebe (Landstraße 31, 4020 Linz)

Wednesday, 23 September 2026 **Science Park 1, Johannes Kepler University Linz Campus (Altenberger Straße 66, Linz)**	
08:45	Registration – Networking Coffee
Welcome & Keynote	
09:00	**Opening Day 2** **Johannes Reichl,** *General Chair DACH+ Energy Informatics Conference 2026, Scientific Head,*

	Energieinstitut an der Johannes Kepler Universität Linz, Austria **Keynote Speech** **"An IT-Management Perspective on Energy (Informatics)"** **Hermann Sikora,** *Consulting company Strategie und IT & Johannes Kepler University Linz*
Energy Informatics Conference Session 5	
10:00	**Towards Interoperability Testing for Energy Data Spaces** *Meng Lin, OFFIS - Institute for Information Technologies* **A Multi-Service Digital Twin Architecture for Emulating a Short-Horizon Control in Future Urban Energy Systems** *Daniel R. Bayer, University of Würzburg* **Model Generation of Cyber-Physical Power Distribution Systems Using Land-Use and Open Data** *Yasaman Sadeghi Sanjabi. University of Passau*
11:00	Coffee Break
Energy Informatics Conference Session 6	
11:30	**Massively parallel GPU AC powerflow solver under topology modifications** *Nico Westerbeck, Elia Group* **Data-Driven Identification of Nonlinear Frequency Dynamics in the South Korean Power Grid Using Symbolic Regression** *Felix Wang, Karlsruhe Institute of Technology* **Large Language Model Guided Geographic Data Enrichment across Infrastructure Domains for Resilient Energy System Design** *Jakob Geiges, Karlsruhe Institute of Technology*
12:30	Lunch Break
Energy Informatics Conference Session 7 (Short Papers)	
13:30	**The Limits of Point Forecasting for Electricity Price Spikes: Evidence for Probabilistic Methods** *Maria Margarida Mascarenhas, KU Leuven* **VQ-VAE Tokenization for anomaly detection: A case-study of Induction Motor Monitoring Signals** *Katarina Toroman, Karlsruhe Institute of Technology* **Simplifying Access to Energy Data: Matter-Based Integration of Distributed Energy Resources into an Energy Data Agent** *Manuel Seifriedsberger, University of Applied Sciences Upper Austria*

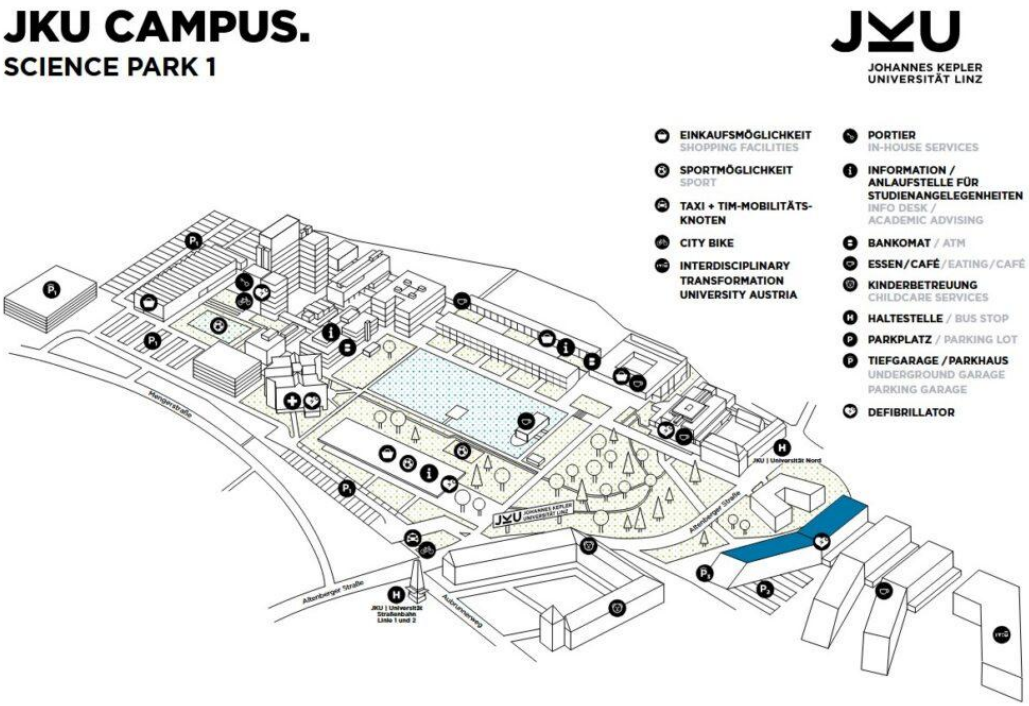
	From Day-Ahead Grid Signals to Household Action: Communicating Variable Grid Tariffs in an Austrian Regulatory Sandbox *Michael Zauner, University of Applied Sciences Upper Austria* **Towards Security and Privacy Assessment for Data Spaces: Methodology and Use Case in the Energy Domain** *Aya Mohamed, University of Applied Sciences Upper Austria*
14:45	Closing
End: 15:00	

Practical Information

Venue

The **conference** will take place at the Science Park 1 at the Johannes Kepler University in Linz. The JKU is located in the northern part of Linz, easily accessible by public transport from the city center. Visitors' parking is available at the JKU.

Science Park 1, Johannes Kepler University Linz
Altenberger Straße 66, 4040 Linz, Austria



Welcome Reception at Ars Electronica Center, 21 September

The welcome reception will take place at the Ars Electronica Center in Linz – the "Museum of the Future", where art, technology, and society come together. Located directly at the Danube, the Ars Electronica Center offers a unique setting for networking and exchange at the beginning of the conference. The evening will include registration, networking, drinks, and an optional visit to Deep Space 8K, featuring immersive projections and cutting-edge visualization technology.

Ars Electronica Center, Ars-Electronica-Straße 1, 4040 Linz, Austria

Conference Dinner, 22 September

The conference dinner will take place at Stadtliebe Linz, located in the heart of the city centre. The evening will provide an opportunity to continue discussions, exchange ideas, and enjoy a relaxed atmosphere with fellow participants over dinner. Stadtliebe combines regional cuisine with a modern urban atmosphere, offering an ideal setting for an enjoyable conference evening.

Stadtliebe Linz, Landstraße 3, 4020 Linz, Austria

Local transport between Linz city center and the venue

The venue is located about 6 km from the city center of Linz, where most hotels are situated. You can reach the venue easily by public transport (bus or tram).

From Linz city center, take **tram line 1 or 2** towards **Universität** (final stop). The Science Park is located directly next to the tram stop. The ride takes 20 minutes from the city center. You can buy a 24-hour ticket or a one-week ticket.

Itineraries and tickets can be found on the Linz AG website

How to get to Linz

Linz is located in Upper Austria. The most convenient options to reach Linz are by international train or airplane.

Train

International trains arrive at **Linz Hauptbahnhof (Main Station)**. There are direct train connections from **Vienna, Frankfurt, Berlin** and **Munich** to Linz.

Itineraries and tickets can be found on the ÖBB website

Airplane

The **Linz Airport (Blue Danube Airport Linz)**, located about 13 km southwest of the city center. Other nearby international airports to consider are:

- **Vienna International Airport (VIE)** – approx. 185 km
- **Salzburg Airport (SZG)** – approx. 135 km
- **Munich Airport (MUC)** – approx. 270 km

For intercontinental flights, **Vienna** is usually the best option. Take the 2-hour direct train from Vienna Airport to Linz main station. Sometimes the airport train is included in the flight ticket.

Accommodation

A wide range of hotels are available in the city center of Linz. Early booking is advised.

Suggested hotels (near University)

Hotel Sommerhaus Linz (10 minutes walking distance to Science Park 1)
Julius-Raab-Straße 10, Dornach-Auhof, 4040 Linz
https://www.sommerhaus-hotel.at/

Suggested hotels (city center)

Austria Classic Hotel Wolfinger Linz *** (tram 1 or 2, 25 minutes to Science Park 1)
Hauptplatz 19, 4020 Linz
https://www.hotelwolfinger.at/

Hotel Schwarzer Bär **** (tram 1 or 2, 30 minutes to Science Park 1)
Herrenstraße 9-11, 4020 Linz
https://linz-hotel.at/

Hotel Motel One Linz *** (tram 1 or 2, 25 minutes to Science Park 1)
Hauptplatz 10-11, 4020 Linz
https://www.motel-one.com

You can find the full list on the website of the regional tourism board:
Linz Tourismus

Technical Workshop Organizers

Workshop 1 **Hands-On Energy Management**	**Dominik Vereno** is a researcher and lecturer at **Salzburg University of Applied Sciences** and is currently completing his PhD in Energy Informatics at the University of Oldenburg. He has also conducted research at the University of Denver. His work focuses on distributed energy systems, co-simulation, and model-based engineering. **Sarah Riedmann** is a Junior Researcher and lecturer at Salzburg University of Applied Sciences. She holds a degree in Computer Science, and her research focuses on distributed energy systems and model-based engineering in the context of Industry 4.0.
Workshop 2 **A Simple Way to Simulate Energy Systems**	**Corinna Seiwerth** is a researcher at the Chair of Computer Networks and Communication Systems at **Friedrich-Alexander-Universität Erlangen-Nürnberg** (FAU). She holds a master's degree in computer science from FAU and has been involved in the NFDI4Energy project since 2023. Within NFDI4Energy, she leads Task Area 5, focusing on Simulation-as-a-Service (SimaaS) and distributed simulation of energy systems. She is also the main developer of the DaceDSX co-simulation framework. **Mohamed Ibrahim** is a student assistant at the Chair of Computer Networks and Communication Systems at **Friedrich-Alexander-Universität Erlangen-Nürnberg** (FAU), where he has been working since January 2025. He holds a B.Sc. in computer science from Luxor University, Egypt, and is currently pursuing an M.Sc. in Artificial Intelligence at FAU. His work focuses on the development of DaceDSX and the SimaaS platform within the NFDI4Energy project. **Jan Sören Schwarz** is a researcher at **OFFIS and Carl von Ossietzky University of Oldenburg**, where he also earned his bachelor's and master's degrees in computing science. He is a member of the mosaik development team at OFFIS and has contributed to several research projects involving co-simulation and energy system simulation. His research focuses on interdisciplinary co-simulation scenarios integrating socio-technical aspects and sustainability into energy system simulations. Within NFDI4Energy, he is part of Task Area 5 and contributes to the development of the scenario ontology.
Workshop 3 **Time Series Foundation Models for Short-Term Energy Forecasting**	**Dominik Falkner** is a Data Scientist at **RISC Software GmbH**. His work focuses on the application of time series foundation models in the energy domain, with a particular emphasis on short-term forecasting for electricity load and photovoltaic generation. His research includes pretrained forecasting models, domain adaptation, and fine-tuning approaches for energy-related forecasting tasks.
Workshop 4 **Interpretive Research and Energy Informatics**	**Tero Vartiainen** is a professor of information systems in the Department of Computing Sciences at the **University of Vaasa, Finland**. He is also an adjunct professor at University of Jyväskylä. He holds a Ph.D. from University of Jyväskylä. His research interests lie in the areas of cybersecurity, IT services, energy informatics, IT project management, and computer ethics. Dr. Vartiainen's research has been published, e.g., at Information Systems Journal, European Journal of Information Systems, Communications for Association of Information Systems, and IT and People.
Workshop 5 **Python Testing Basics for Research Code**	**Tobias Rohrer** is a Scientific Employee at **Fraunhofer ISE**, where he has been working for the past three and a half years. He has more than ten years of experience in software development, covering areas such as mobile application development, backend APIs, and, more recently, Python-based frameworks. His work focuses on designing maintainable and scalable software solutions for complex problems, with a strong emphasis on software quality and testing.